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# Seminars

AUTHOR(S):

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RIGHT:

# SEMINARS

Prof ANDO, Shinji  
Department of Chemistry and Materials Science, Tokyo Institute of Technology, Tokyo, Japan  
“Control in Electrical State and Conformation of Polyimides and Design of Their Nanohybridization”  
27 August 2014

Prof BACK, Christian  
Universitat Regensburg, Germany  
“Imaging the Current Induced Spin Wave Doppler Shift”  
26 June 2014

Prof BAUMGATTNER, Thomas  
University of Calgary, Canada  
“Organophosphorus Avenues toward Powerful Electron Acceptors and Self-Assembled Nanomaterials”  
14 November 2014

Prof BETTINGER, Holger  
Institut für Organische Chemie, Universität Tübingen, Tübingen, Germany  
“From Reactive Intermediates to Polycyclic Aromatic Hydrocarbons”  
8 April 2014

Dr. BLANC-MATHIEU, Romain  
Institut Sophia Agrobiotech, INRA, Sophia Agrobiotech, France  
“Population Genomics of *Ostreococcus tauri*: Diversity and Evolution of the Smallest Photosynthetic Eukaryote”  
24 September 2014

Prof BODWELL, Graham, J.  
Memorial University of Newfoundland, Canada  
“Large Scale Synthesis and Chemistry of 1,1,n,n Tetramethyl[n](2,11) teropyrenophanes”  
22 October 2014

Prof BRADDOCK, Chris  
Imperial College London, U.K.  
“Studies on Halogenated Marine Natural Products as Inspired by Their Probable Biogenesis”  
22 October 2014

Dr. CARDARELLI, Maura  
Department of Biology and Biotechnology, Sapienza University of Rome, Italy  
“The Role of ARF8 and ARF6 in Late Stamen Development in *Arabidopsis*”  
14 October 2014

Prof CHIDA, Noritaka  
Faculty of Science and Technology, Department of Applied Chemistry, Keio University, Kanagawa, Japan  
“Synthetic Study of Bioactive Natural Products: Approach from Chiral Pool Method”  
26 February 2014

Prof CHIU, Ya-Ping  
Department of Physics, National Sun Yat-sen University, Taiwan  
“Atomic-Scale Interface Electronic Structures Across Hetero-Epitaxial Structure by Cross-Sectional STM”  
22 July 2014

Prof CHOW, Tahsin J.  
Academia Sinica Institute of Chemistry, Taiwan  
“The Synthesis of Acenes and Their Semiconducting Properties”  
6 October 2014

Prof CHUANG, John Shih-Ching  
National Chiao Tung University, Taiwan  
“Fullerenes Functionalization through Metal-Catalyzed C-H Bond Activation and Phosphine-Catalysis: From Methodology to Application”  
12 July 2014

Prof COZZI, Giorgio  
University of Milan, Milan, Italy  
“Electrophilicity and Nucleophilicity Scales in a Rational Approach towards SN1-type Stereoselective Organocatalytic Reactions”  
14 November 2014

Prof DE LA HIGUERA, Colin  
University of Nantes, Nantes, France  
“Learning Probabilistic Context-Free Grammars”  
16 September 2014

Prof DESAULNIERS, Jean-Paul  
Faculty of Science, University of Ontario Institute of Technology, Ontario, Canada  
“Training the RISC Complex Some New Tricks”  
19 November 2014

Mr. FLODERUS, Peter  
Lund University, Lund, Sweden  
“A Polynomial to Count Induced Subgraphs Quickly”  
2 September 2014

Assoc Prof GHOSH, Suhrit  
Indian Association for the Cultivation of Science, India  
“Stimuli-responsive Amphiphilic Polymers”  
9 December 2014

Prof HARA, Kenji  
Catalysis Research Center, Hokkaido University, Hokkaido, Japan  
“Catalyst Preparation on Mesoporous Materials”  
31 October 2014

Prof HE, Junpo  
Fudan University, China, P.R.  
“Precise Control of Polymer Chain Structure Using Living Anion Polymerization”  
1 August 2014

Prof JIA, Yngxing  
Peking University, China, P.R.  
“Total Synthesis of Polycyclic Indole Alkaloids and Development of Synthetic Methodology”  
8 December 2014

Prof JUNG, Hyun Suk  
Sungkyunkwan University, Korea, R.  
“Nanostructured Charge Collecting Materials for Next Generation Perovskite Solar Cells”  
26 November 2014

Dr. KAMATANI, Asayuki  
Phizer Japan Inc., Tokyo, Japan  
“Stories behind Crizotinib”  
9 September 2014

Prof KANN, Maricel G.  
University of Maryland, Baltimore County, U.S.A.  
“A Protein-Domain Approach for the Analysis of Disease Mutations”  
3 April 2014

Mr. KOBAYASHI, Toshio  
Japan Drilling Co., Ltd., Tokyo, Japan  
“Debris Mitigation for Nuclear Power Plant by Using the CO<sub>2</sub> Laser”  
21 November 2014

Prof KOYAMA, Kazuyoshi  
High Energy Accelerator Research Organization, Ibaraki, Japan  
“Laser-driven Particle Acceleration”  
24 September 2014

Director KROL, Alain  
CNRS-University of Strasbourg, France  
“Recoding UGA as Selenocysteine during Selenoprotein Synthesis”  
16 April 2014

Dr. KUWATA, Akira  
Tohoku National Fisheries Research Institute, Fisheries Research  
Agency, Miyagi, Japan  
“Diatoms and Parnales: Evolution, Ecology and Natural History”  
22 August 2014

Dr. LUGG, Nathan  
School of Engineering, The University of Tokyo, Tokyo, Japan  
“Removing the Effects of Channelling from Spectrum Images in  
STEM”  
14 October 2014

Prof MARROWS, Christopher  
University of Leeds, U.K.  
“Giant Topological Hall Effect in Strained Fe<sub>0.7</sub>Co<sub>0.3</sub>Si Epilayers”  
15 May 2014

Prof MELEDANDRI, Carla  
The University of Otago, New Zealand  
“Development of Silver Nanoparticle Materials for Use in Clinical  
Dentistry”  
10 February 2014

Prof MICHL, Josef  
University of Colorado, U.S.A.  
“The Catalytic Properties of LiCB<sub>11</sub>Me<sub>12</sub>”  
31 October 2014

Prof MURAI, Shinji  
Nara Institute of Science, Nara, Japan  
“Encouraging Creativity Reaching to Amazing Discovery”  
12 May 2014

Dr. MUROOKA, Yoshie  
École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland  
“Magnetic Dynamics Studied by Time-resolved Electron Microscopy”  
23 July 2014

Prof NG, Michael  
Department of Mathematics, Hong Kong Baptist University, Hong  
Kong, China. P.R.  
“Spectral Clustering for Tensor Data”  
29 May 2014

Dr. NOMURA, Akihiro  
National Institute for Materials Science (NIMS), Ibaraki, Japan  
“Polymeric Amine Incorporated Porous Silicas as Adsorbents for  
Trapping of Formaldehyde Indoor Air Pollutants”  
2 April 2014

Dr. OKUBO, Ayako  
Integrated Support Center for Nuclear Nonproliferation and Nuclear  
Security, Japan Atomic Energy Agency, Ibaraki, Japan  
“Research and Development for the Nuclear Forensics and Safeguard  
in JAEA”  
8 September 2014

Prof PARK, Jongwook  
The Catholic University of Korea, Bucheon, Korea, R.  
“Synthesis and Electroluminescence Properties of Highly Efficient  
Blue Fluorescence Emitters Using Dual Core Chromophores”  
15 January 2014

Prof PIERS, Warren  
Department of Chemistry, University of Calgary, Calgary, Canada  
“Perfluoroarylborane Catalyzed Frustrated Lewis Pair Hydrosilations:  
Mechanism, Applications and Scope”  
22 October 2014

Prof PRATT, Derek  
University of Ottawa, Canada  
“Chemistry of Phenolic, Anionic and Organosulfur Radical-trapping  
Antioxidants”  
20 March 2014

Prof ROHMER, Michel  
CNRS-University of Strasbourg, France  
“Biosynthesis of Isoprene Units via the MEP Pathway in Bacteria and  
Plants: Electron and Proton Transfers in the Formation of Isopentenyl  
Diphosphate and Dimethylallyl Diphosphate”  
10 October 2014

Dr. SERINO, Giovanna  
Department of Biology and Biotechnology, Sapienza University of  
Rome, Italy  
“CULLIN Neddylation is Globally Regulated during Seedling Devel-  
opment in *Arabidopsis thaliana*”  
14 October 2014

Assoc Prof SHIBUYA, Tetsuo  
Human Genome Center, Institute of Medical Science, The University  
of Tokyo, Tokyo, Japan  
“de Bruijn Graph Problems”  
19 March 2014

Dr. SHIMIZU, M. Hirohiko  
Laboratory for Particle Properties, Department of Physics, Nagoya  
University, Nagoya, Japan  
“Monochromating Optics of Epithermal Neutron and Its Applications”  
4 July 2014  
31 October 2014

Prof SUNAZUKA, Toshiaki  
Kitasato Institute for Life Sciences & Graduate School of Infection  
Control Sciences, Kitasato University, Tokyo, Japan  
“Total Synthesis of Novel Polycyclic Indole Alkaloids”  
6 August 2014

Dr. TAKAHASHI, Hiroki  
Department of Physics, ETH Zurich, Switzerland  
“Ultrasensitive Solid-State NMR by High-Field Dynamic Nuclear Po-  
larization and Nano-scale MRI Using Magnetic Resonance Force  
Microscopy”  
6 November 2014

Assoc Prof TAKEMURA, Masaharu  
Tokyo University of Science, Tokyo, Japan  
“The Origin of the Nucleus: Giant Viruses Unveil the Enigmatic Root  
of Eukaryotes”  
24 June 2014

Assoc Prof TAKEUCHI, Ichiro  
Nagoya Institute of Technology, Japan  
“An Algorithmic Framework for Computing Validation Performance  
Bounds by Using Suboptimal Models”  
19 March 2014

Prof WEIGAND, Jan J.  
Department of Chemistry and Food Chemistry, Technische Universität  
Dresden, Dresden, Germany  
“Highly-Reactive Phosphorus Building Blocks — New Concepts in  
Synthesis”  
19 July 2014

Dr. YAMADA, Takeshi  
Kitasato Institute for Life Sciences & Graduate School of Infection  
Control Sciences, Kitasato University, Tokyo, Japan  
“Chemoselective Functionalization of Bioactive Polyol Natural Prod-  
ucts Using Organocatalyst”  
4 July 2014

Prof YEH, Ming-Chang  
National Taiwan Normal University, Taiwan  
“Facile Synthesis of Heterocycles via Iron- and Iridium-Prompted  
Cyclization Reactions”  
4 November 2014